

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E70599

Participation : CTR

Employer : City of Tacoma

Status : Affected

Worksite : City of Tacoma - Public Utilities

Survey Type : Online

Street : 3628 S 35th St

Response Rate : 69%

Jurisdiction : City of Tacoma

Survey Date : 12/17/2020

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 65.0%

Drive Alone Rate : 35.0%

One-Way VMT per employee : 5.2

Average One-Way distance home to work : 13.1

Employees and Survey Response Information

Reported Total Employees at Worksite: 1,086

Surveys Distributed : 1,151

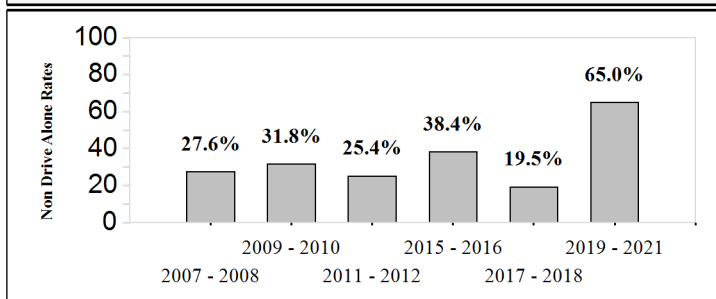
Surveys Returned : 794

Surveys Returned by CTR Affected* Employees : 763

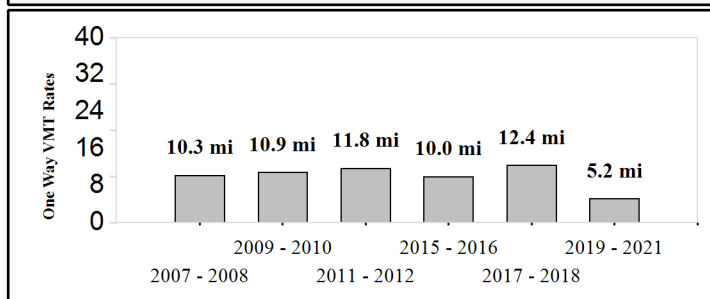
Total Estimated CTR Affected Employees at Worksite : 1,106

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO2e Pounds CO2e

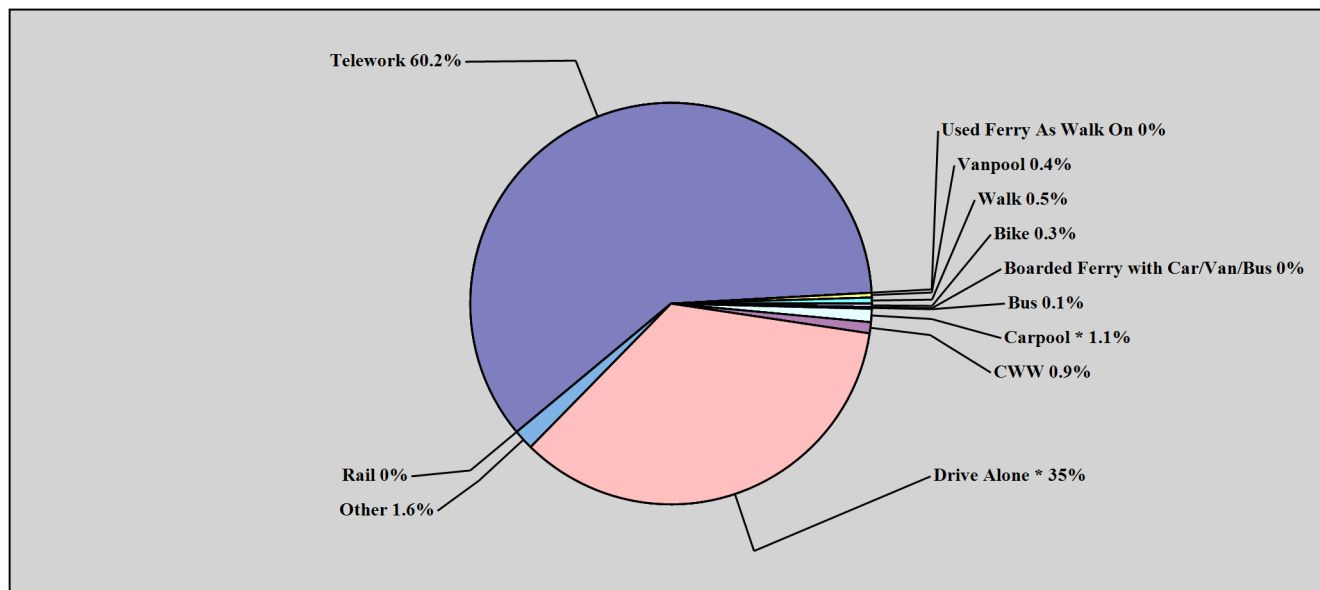
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	27.6%	28.1%	1590	2662	21.6	10.3	10.3
2009 - 2010	31.8%	33.0%	2028	2761	22.4	10.9	10.9
2011 - 2012	25.4%	26.9%	2501	3375	27.4	11.8	11.5
2013 - 2014	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2015 - 2016	38.4%	38.7%	480	2317	18.8	10.0	10.0
2017 - 2018	19.5%	20.1%	1506	2632	21.4	12.4	12.4
2019 - 2021	65.0%	66.8%	819	1120	9.1	5.2	4.9
Target	33.6%				Target:	8.4	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	37.4				% Change from Baseline:	-49.5%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



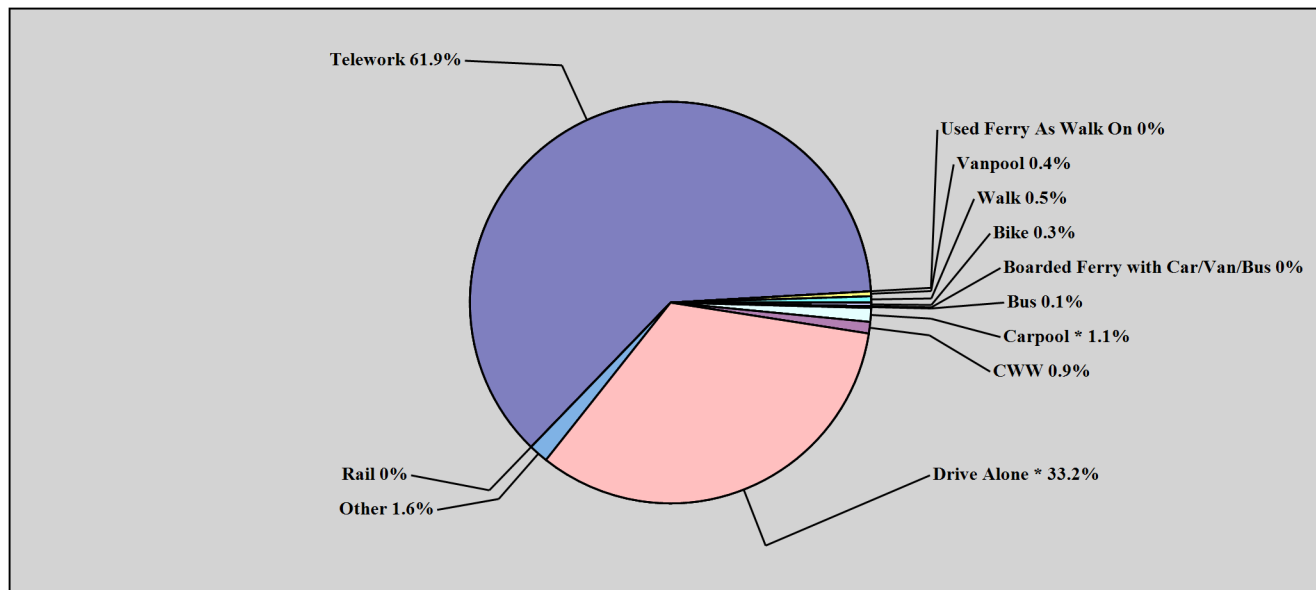
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,373	35.0%	80.5%	346	43.6%	84.3%
Carpool *	42	1.1%	5.2%	8	1.0%	7.3%
Vanpool	15	0.4%	10.6%	3	0.4%	11.5%
Bus	5	0.1%	0.3%	1	0.1%	0.5%
Rail	0	0.0%	0.5%	0	0.0%	0.5%
Bike	11	0.3%	0.5%	3	0.4%	1.0%
Walk	19	0.5%	0.3%	4	0.5%	0.4%
Telework	2,363	60.2%	0.4%	501	63.1%	0.7%
CWW	35	0.9%	0.8%	23	2.9%	3.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	64	1.6%	1.0%	17	2.1%	1.4%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,254	33.2%	79.9%	322	42.2%	84.8%
Carpool *	42	1.1%	5.4%	8	1.0%	7.6%
Vanpool	15	0.4%	11.2%	3	0.4%	12.3%
Bus	5	0.1%	0.3%	1	0.1%	0.6%
Rail	0	0.0%	0.5%	0	0.0%	0.6%
Bike	11	0.3%	0.6%	3	0.4%	1.1%
Walk	19	0.5%	0.1%	4	0.5%	0.2%
Telework	2,337	61.9%	0.4%	494	64.7%	0.7%
CWW	35	0.9%	0.7%	23	3.0%	2.8%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	59	1.6%	1.0%	16	2.1%	1.5%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	256	32%	794	100%
1 Days	8	1%	538	68%
2 Days	10	1%	530	67%
3 Days	28	4%	520	65%
4 Days	62	8%	492	62%
5 Days	398	50%	430	54%
6 or More Days	32	4%	32	4%

Count by Occupancy of Carpools and Vanpools

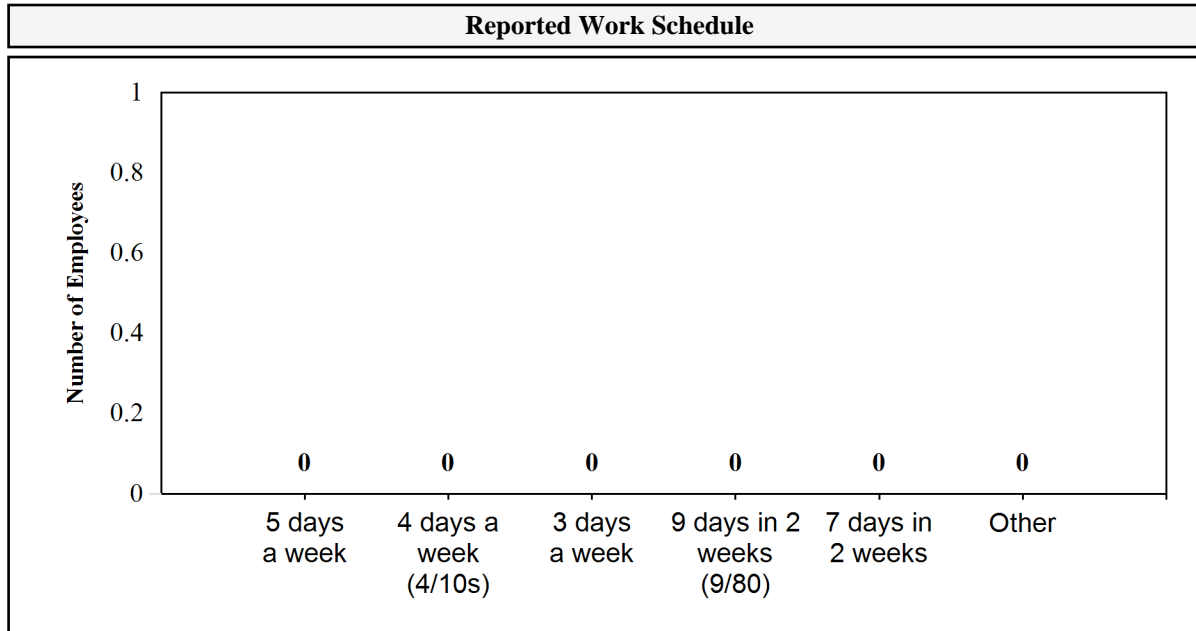
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	42
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	15
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	0	0%
4 days a week (4/10s)	0	0%
3 days a week	0	0%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	0	0%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	794	100.0%
I don't telework	0	0.0%
Occasionally, on an as-needed basis	0	0.0%
1-2 days/month	0	0.0%
1 day/week	0	0.0%
2 days/week	0	0.0%
3 days/week	0	0.0%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Financial incentives for carpooling, bicycling or walking.	0	N/A
Free or subsidized bus, train, vanpool pass or fare benefit	0	N/A
Personal health or well-being	0	N/A
Cost of parking or lack of parking	0	N/A
To save money	0	N/A
To save time using the HOV lane	0	N/A
I have the option of teleworking	0	N/A
Driving myself is not an option	0	N/A
Emergency ride home is provided	0	N/A
I receive a financial incentive for giving up my parking space	0	N/A
Preferred/reserved carpool/vanpool parking is provided	0	N/A
Environmental and community benefits	0	N/A
Other	0	N/A

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	0	N/A
I need more information on alternative modes	0	N/A
My job requires me to use my car for work	0	N/A
My commute distance is too short	0	N/A
Family care or similar obligations	0	N/A
I like the convenience of having my car	0	N/A
Bicycling or walking isn't safe	0	N/A
There isn't any secure or covered bicycle parking	0	N/A
Other	0	N/A

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98466	45	5.67%	66	0	0	0	0	0	0	0	148	1	0	0	11
98407	38	4.79%	80	0	0	0	0	0	0	0	111	1	0	0	2
98406	33	4.16%	34	0	0	0	0	0	0	9	124	1	0	0	1
98387	31	3.90%	53	0	10	0	0	0	0	0	84	0	0	0	0
98405	29	3.65%	42	0	0	3	0	0	5	0	94	1	0	0	5
98408	29	3.65%	60	0	0	0	0	0	0	0	74	4	0	0	5
98373	26	3.27%	36	0	0	0	0	0	0	0	92	0	0	0	0
98444	26	3.27%	81	0	0	0	0	0	0	0	38	0	0	0	5
98338	22	2.77%	66	0	0	0	0	0	0	0	45	1	0	0	0
98498	22	2.77%	35	10	0	0	0	0	0	0	66	1	0	0	0
98335	21	2.64%	20	0	0	0	0	0	0	0	81	0	0	0	5
98374	21	2.64%	41	5	0	0	0	0	0	0	48	1	0	0	5
98375	21	2.64%	14	0	0	0	0	0	0	0	89	1	0	0	0
98404	19	2.39%	28	0	0	0	0	0	5	0	62	0	0	0	2
98409	18	2.27%	39	5	0	0	0	0	0	0	54	0	0	0	0
98422	18	2.27%	21	0	0	0	0	0	0	0	65	0	0	0	5
98371	17	2.14%	36	0	0	0	0	0	0	0	42	0	0	0	0
98391	17	2.14%	36	0	0	0	0	0	0	0	50	0	0	0	0
98467	17	2.14%	37	7	0	0	0	0	0	0	38	2	0	0	0
98445	16	2.02%	28	0	0	0	0	0	0	0	44	1	0	0	0
98499	15	1.89%	30	0	0	0	5	0	1	0	34	0	0	0	0
98023	11	1.39%	15	0	0	0	0	0	0	0	40	0	0	0	0
98403	11	1.39%	18	0	0	0	0	0	0	0	37	0	0	0	0
98465	11	1.39%	21	0	0	0	0	0	0	0	33	1	0	0	0
98332	10	1.26%	33	0	0	0	0	0	0	0	19	0	0	0	0
98367	10	1.26%	29	0	0	0	0	0	0	0	19	5	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98446	10	1.26%	29	0	0	0	0	0	0	0	20	0	0	0	0
98580	10	1.26%	26	0	0	5	0	0	0	0	17	0	0	0	0
98329	8	1.01%	15	0	0	0	0	0	0	0	24	0	0	0	0
98349	8	1.01%	9	0	5	0	0	0	0	0	20	4	0	0	1
98443	8	1.01%	14	0	0	0	0	0	0	0	20	0	0	0	0
98513	8	1.01%	9	0	0	0	0	0	0	0	33	1	0	0	0
98092	7	0.88%	2	0	0	0	0	0	0	0	28	0	0	0	5
98328	7	0.88%	13	0	0	0	0	0	0	0	23	0	0	0	0
98366	7	0.88%	4	0	0	0	0	0	0	0	27	0	0	0	0
98418	7	0.88%	7	0	0	0	0	0	0	5	15	0	0	0	0
98503	7	0.88%	19	0	0	0	0	0	0	0	16	0	0	0	0
98516	7	0.88%	6	0	0	0	0	0	0	0	28	0	0	0	0
98597	7	0.88%	18	0	0	0	0	0	0	0	12	4	0	0	0
98372	6	0.76%	8	0	0	0	0	0	0	0	19	1	0	0	0
98388	6	0.76%	2	6	0	0	0	0	0	0	22	1	0	0	0
98424	6	0.76%	1	0	0	0	0	0	0	0	29	1	0	0	0
98501	6	0.76%	15	0	0	0	0	0	0	0	14	0	0	0	0
98360	5	0.63%	15	0	0	0	0	0	0	0	11	0	0	0	0
98502	5	0.63%	6	5	0	0	0	0	0	0	10	0	0	0	0
98506	5	0.63%	5	0	0	0	0	0	0	0	19	1	0	0	0
98116	4	0.50%	0	0	0	0	0	0	0	0	20	0	0	0	0
98303	4	0.50%	0	0	0	0	0	0	0	0	18	0	0	0	0
98321	4	0.50%	10	0	0	0	0	0	0	0	10	0	0	0	0
98327	4	0.50%	5	0	0	0	0	0	0	0	15	0	0	0	0
98359	4	0.50%	12	0	0	0	0	0	0	0	9	0	0	0	0
98512	4	0.50%	5	0	0	0	0	0	0	0	15	0	0	0	0
98001	3	0.38%	0	0	0	0	0	0	0	5	10	0	0	0	0
98032	3	0.38%	5	0	0	0	0	0	0	0	10	0	0	0	2
98333	3	0.38%	0	0	0	0	0	0	0	0	10	0	0	0	5



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98354	3	0.38%	5	0	0	0	0	0	0	0	5	0	0	0	5
98390	3	0.38%	5	0	0	0	0	0	0	0	10	0	0	0	0
98402	3	0.38%	1	4	0	0	0	0	0	0	5	0	0	0	0
98003	2	0.25%	5	0	0	0	0	0	0	0	5	0	0	0	0
98010	2	0.25%	5	0	0	0	0	0	0	0	5	0	0	0	0
98042	2	0.25%	11	0	0	0	0	0	0	0	0	0	0	0	0
98056	2	0.25%	5	0	0	0	0	0	0	0	5	0	0	0	0
98058	2	0.25%	0	0	0	0	0	0	0	0	10	0	0	0	0
98112	2	0.25%	0	0	0	0	0	0	0	0	9	0	0	0	0
98168	2	0.25%	0	0	0	0	0	0	0	0	10	0	0	0	0
98198	2	0.25%	5	0	0	0	0	0	0	0	5	0	0	0	0
98312	2	0.25%	0	0	0	0	0	0	0	0	10	0	0	0	0
98383	2	0.25%	5	0	0	0	0	0	0	0	5	0	0	0	0
09516	1	0.13%	0	0	0	0	0	0	0	0	5	0	0	0	0
89531	1	0.13%	0	0	0	0	0	0	0	0	5	0	0	0	0
95372	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98002	1	0.13%	0	0	0	0	0	0	0	0	5	0	0	0	0
98022	1	0.13%	3	0	0	0	0	0	0	0	2	0	0	0	0
98030	1	0.13%	0	0	0	0	0	0	0	0	5	0	0	0	0
98031	1	0.13%	0	0	0	0	0	0	0	0	5	0	0	0	0
98038	1	0.13%	0	0	0	0	0	0	0	0	5	0	0	0	0
98047	1	0.13%	1	0	0	0	0	0	0	0	3	1	0	0	0
98070	1	0.13%	0	0	0	0	0	0	0	0	6	0	0	0	0
98102	1	0.13%	0	0	0	0	0	0	0	0	5	0	0	0	0
98105	1	0.13%	0	0	0	0	0	0	0	0	5	0	0	0	0
98106	1	0.13%	4	0	0	0	0	0	0	0	0	0	0	0	0
98118	1	0.13%	0	0	0	0	0	0	0	0	5	0	0	0	0
98125	1	0.13%	0	0	0	0	0	0	0	0	5	0	0	0	0
98126	1	0.13%	2	0	0	0	0	0	0	0	3	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98133	1	0.13%	2	0	0	0	0	0	0	0	3	0	0	0	0
98144	1	0.13%	0	0	0	0	0	0	0	0	5	0	0	0	0
98146	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98166	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98178	1	0.13%	0	0	0	0	0	0	0	0	5	0	0	0	0
98311	1	0.13%	1	0	0	0	0	0	0	0	5	0	0	0	0
98322	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98351	1	0.13%	0	0	0	0	0	0	0	0	5	0	0	0	0
98380	1	0.13%	1	0	0	0	0	0	0	0	3	0	0	0	0
98385	1	0.13%	2	0	0	3	0	0	0	0	0	0	0	0	0
98395	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98396	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98411	1	0.13%	0	0	0	0	0	0	0	0	4	0	0	0	0
98455	1	0.13%	0	0	0	0	0	0	0	0	5	0	0	0	0
98520	1	0.13%	1	0	0	0	0	0	0	0	0	0	0	0	0
98524	1	0.13%	0	0	0	0	0	0	0	0	5	0	0	0	0
98528	1	0.13%	0	0	0	0	0	0	0	0	5	0	0	0	0
98532	1	0.13%	0	0	0	0	0	0	0	0	5	0	0	0	0
98541	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98546	1	0.13%	0	0	0	0	0	0	0	0	5	0	0	0	0
98576	1	0.13%	0	0	0	0	0	0	0	0	5	0	0	0	0
98579	1	0.13%	4	0	0	0	0	0	0	0	0	0	0	0	0